AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

1. - 14.   (Canceled)

15.   (Previously Presented)   An apparatus comprising:

at least one processor; and

at least one memory including computer program code for one or more programs,

the at least one memory and the computer program code configured to, with the at least one

processor, cause the apparatus to perform at least the following,

determine to store, in the memory, at least one piece of pre-broadcast content associated with

a same at least one piece of broadcast content maintained by a content source, the at least

one piece of pre-broadcast content being stored before a scheduled time for a live

broadcast of the associated same at least one piece of broadcast content by the content

source, the scheduled time specified by a schedule;

determine to access the at least one piece of pre-broadcast content from the memory at a time

synchronized with the scheduled time for the live broadcast of the associated same at

least one piece of broadcast content;

receive the live broadcast of the associated same at least one piece of broadcast content from

the content source; and

determine to present the accessed at least one piece of pre-broadcast content synchronized

with the scheduled time for the live broadcast of the associated same at least one piece of

broadcast content by the content source.

16.   (Canceled)

17.   (Previously Presented)   An apparatus according to Claim 15, wherein at least one piece of pre-broadcast content is stored before the content source broadcasts the associated same at least one piece of broadcast content.

18.   (Previously Presented)   An apparatus according to Claim 15, wherein the apparatus is further caused to:

 receive at least one piece of broadcast content maintained by a continuity server of the content source, wherein the received at least one piece of broadcast content is stored as the at least one piece of pre-broadcast content.

19.   (Canceled)

20.   (Previously Presented)   An apparatus according to Claim 18, wherein the received at least one piece of broadcast content is encoded, and wherein the apparatus is further caused to:

 decode the encoded at least one piece of broadcast content.

21.   (Previously Presented)   An apparatus according to Claim 15, wherein the schedule specifies at least one scheduled time for a live broadcast of at least one piece of live broadcast content by the content source, wherein the apparatus is further caused to:

 receive the at least one piece of live broadcast content when a current time matches the scheduled time for the live broadcast of the at least one piece of live broadcast content,

wherein the at least one piece of pre-broadcast content is accessed using at least one of the at

least one piece of pre-broadcast content stored in the memory or the at least one piece of

live broadcast content received at the apparatus, and wherein the accessed pre-broadcast

content is presented using at least one of the accessed at least one piece of pre-broadcast

content or the accessed at least one piece of live broadcast content.

22.   (Previously Presented)   An apparatus according to Claim 15, wherein the apparatus is

further caused to:

determine to release each piece of pre-broadcast content when a current time of the apparatus

matches the scheduled time for the live broadcast of the associated same piece of

broadcast content by the content source, wherein at least one released piece of

pre-broadcast content is accessed.

23.   (Previously Presented)   An apparatus according to Claim 22, wherein the content

source broadcasts a one same at least one piece of broadcast content when a current time of the

content source matches the scheduled time for the one same at least one piece of broadcast

content, and wherein the apparatus is further caused to:

determine to synchronize the current time of the apparatus with the current time of the

content source.

24.   (Previously Presented)   An apparatus according to Claim 15, wherein the apparatus is

further caused to:

determine to expire each piece of pre-broadcast content when the current time is subsequent

to the scheduled time for the associated same piece of broadcast content; and

determine to maintain, in the memory of the apparatus, at least one expired piece of

pre-broadcast content.

25.   (Previously Presented)   An apparatus according to Claim 15, wherein the apparatus is further caused to:

determine to expire each piece of pre-broadcast content when the current time is subsequent

to the scheduled time for the associated same piece of broadcast content; and

determine to delete, from the memory of the apparatus, at least one expired piece of

pre-broadcast content.

26.   (Previously Presented)   An apparatus according to Claim 25, wherein the apparatus is further caused to:

determine to maintain at least one expired piece of pre-broadcast content in the memory of

the apparatus, and wherein the at least one expired piece of pre-broadcast content

maintained in the memory is overwritten with at least one subsequent piece of

pre-broadcast content.

27.   (Previously Presented)   An apparatus according to Claim 15, wherein the at least one piece of pre-broadcast content is stored with the schedule.

28.   (Previously Presented)   An apparatus according to Claim 15, wherein the schedule includes at least one slot specifying broadcast of a selectable piece of pre-broadcast content at a respective scheduled time, wherein the apparatus is further caused to:

receive a selection of at least one piece of pre-broadcast content stored in the memory for the

at least one slot; and

determine to modify the schedule to specify the selected at least one piece of pre-broadcast

content in the at least one slot.

29.   (Previously Presented)   An apparatus according to Claim 15, wherein the schedule

includes at least one slot specifying a scheduled time and at least one associated piece of the

pre-broadcast content stored in the memory, wherein the apparatus is further caused to:

receive at least one slot of the schedule at the apparatus, wherein the associated at least one

piece of pre-broadcast content is accessed in accordance with the at least one slot received

at the apparatus.

30.   (Previously Presented)   A method comprising:

determining to store, in a memory of an apparatus, at least one piece of pre-broadcast content

associated with a same at least one piece of broadcast content maintained by a content

source, the at least one piece of pre-broadcast content being stored before a scheduled

time for a live broadcast of the associated same at least one piece of broadcast content by

the content source, the scheduled time specified by a schedule;

determining to access the at least one piece of pre-broadcast content from the memory at a

time synchronized with the scheduled time for the live broadcast of the associated same at

least one piece of broadcast content;

receiving the live broadcast of the associated same at least one piece of broadcast content

from the content source; and

determining to present the accessed at least one piece of pre-broadcast content synchronized

with the scheduled time for the live broadcast of the associated same at least one piece of

broadcast content by the content source.

31. (Canceled)

32. (Previously Presented)   A method according to Claim 30, wherein at least one piece of

pre-broadcast content is stored before the content source broadcasts the associated same at least

one piece of broadcast content.

33. (Previously Presented)   A method according to Claim 30 further comprising:

receiving, at the apparatus, at least one piece of broadcast content maintained by a continuity

server of the content source, wherein the received at least one piece of broadcast content

is stored as the at least one piece of pre-broadcast content.

34. (Canceled)

35. (Previously Presented)   A method according to Claim 33, wherein the received at least

one piece of broadcast content is encoded, and wherein the method further comprises:

decoding the encoded at least one piece of broadcast content.

36. (Previously Presented)   A method according to Claim 30, wherein the schedule also

specifies at least one scheduled time for a live broadcast of at least one piece of live broadcast

content by the content source, and wherein the method further comprises:

receiving, at the apparatus, the at least one piece of live broadcast content when a current

time matches the scheduled time for the live broadcast of the at least one piece of live

broadcast content, and

wherein the at least one piece of pre-broadcast content is accessed by accessing at least one of

the at least one piece of pre-broadcast content stored in the memory or the at least one

piece of live broadcast content received at the apparatus, and wherein the accessed at least

one piece of pre-broadcast content is presented by presenting at least one of the accessed

at least one piece of pre-broadcast content or the accessed at least one piece of live

broadcast content.

37.   (Previously Presented)   A method according to Claim 30 further comprising:

determining to release each piece of pre-broadcast content when a current time of the

apparatus matches the scheduled time for the live broadcast of the associated same piece

of broadcast content by the content source, wherein at least one released piece of

pre-broadcast content is accessed.

38.   (Previously Presented)   A method according to Claim 37, wherein the content source

broadcasts a one same at least one piece of broadcast content when a current time of the content

source matches the scheduled time for the one same at least one piece of broadcast content, and

wherein the method further comprises:

determining to synchronize the current time of the apparatus with the current time of the

content source.

39. (Previously Presented)   A method according to Claim 30 further comprising:

determining to expire each piece of pre-broadcast content when the current time is

    subsequent to the scheduled time for the associated same piece of broadcast content; and

determining to maintain, in the memory of the apparatus, at least one expired piece of

    pre-broadcast content.

40. (Previously Presented)   A method according to Claim 30 further comprising:

determining to expire each piece of pre-broadcast content when the current time is

    subsequent to the scheduled time for the associated same piece of broadcast content; and

determining to delete, from the memory of the apparatus, at least one expired piece of

    pre-broadcast content.

41. (Previously Presented)   A method according to Claim 40 further comprising:

determining to maintain at least one expired piece of pre-broadcast content in the memory of

    the apparatus, and wherein the at least one expired piece of pre-broadcast content

    maintained in the memory is overwritten with at least one subsequent piece of

    pre-broadcast content.

42. (Previously Presented)   A method according to Claim 30, wherein the at least one

piece of pre-broadcast content is stored with the schedule.

43. (Previously Presented)   A method according to Claim 30, wherein the schedule

includes at least one slot specifying broadcast of a selectable piece of pre-broadcast content at a

respective scheduled time, and wherein the method further comprises:

receiving a selection of at least one piece of pre-broadcast content stored in the memory for

the at least one slot; and

determining to modify the schedule to specify the selected at least one piece of pre-broadcast

content in the at least one slot.

44.   (Previously Presented)   A method according to Claim 30, wherein the schedule

includes at least one slot specifying a scheduled time and at least one associated piece of the

pre-broadcast content stored in the memory, and wherein the method further comprises:

receiving at least one slot of the schedule at the apparatus, wherein the associated at least one

piece of pre-broadcast content is accessed in accordance with the at least one slot received

at the apparatus.

45.   (Previously Presented)   A non-transitory computer-readable storage medium carrying

one or more sequences of one or more instructions which, when executed by one or more

processors, cause an apparatus to at least perform the following steps:

determining to store, in a memory of the apparatus, at least one piece of pre-broadcast content

associated with a same at least one piece of broadcast content maintained by a content

source, the at least one piece of pre-broadcast content being stored before a scheduled

time for a live broadcast of the associated same at least one piece of broadcast content by

the content source, the scheduled time specified by a schedule;

determining to access the at least one piece of pre-broadcast content from the memory at a

time synchronized with the scheduled time for the live broadcast of the associated same at

least one piece of broadcast content;

receiving the live broadcast of the associated same at least one piece of broadcast content

from the content source; and

determining to present the accessed at least one piece of pre-broadcast content synchronized

with the scheduled time for the live broadcast of the associated same at least one piece of

broadcast content by the content source.

46.   (Canceled)

47.   (Previously Presented)   A non-transitory computer-readable storage medium according

to Claim 45, wherein the at least one piece of pre-broadcast content is stored before the content

source broadcasts the associated same at least one piece of broadcast content.

48.   (Previously Presented)   A non-transitory computer-readable storage medium according

to Claim 45, wherein the apparatus is caused to further perform:

receiving, at the apparatus, at least one piece of broadcast content maintained by a continuity

server of the content source, wherein the received at least one piece of broadcast content

is stored as the at least one piece of pre-broadcast content.

49.   (Canceled)

50.   (Previously Presented)   A non-transitory computer-readable storage medium according

to Claim 48, wherein the received at least one piece of broadcast content is encoded, and wherein

the apparatus is caused to further perform:

decoding the encoded at least one piece of broadcast content.

51.   (Previously Presented)   A non-transitory computer-readable storage medium according to Claim 45, wherein the schedule also specifies at least one scheduled time for a live broadcast of at least one piece of live broadcast content by the content source, and wherein the apparatus is caused to further perform:

   receiving, at the apparatus, the at least one piece of live broadcast content when a current time matches the scheduled time for the live broadcast of the at least one piece of live broadcast content, and

   wherein the at least one piece of pre-broadcast content is accessed by accessing at least one of the at least one piece of pre-broadcast content stored in the memory or the at least one piece of live broadcast content received at the apparatus, and wherein the accessed at least one piece of pre-broadcast content is presented by presenting at least one of the accessed at least one piece of pre-broadcast content or the accessed at least one piece of live broadcast content.

52.   (Previously Presented)   A non-transitory computer-readable storage medium according to Claim 45, wherein the apparatus is caused to further perform:

   determining to release each piece of pre-broadcast content when a current time of the apparatus matches the scheduled time for the live broadcast of the associated same piece of broadcast content by the content source, wherein at least one released piece of pre-broadcast content is accessed.

53.   (Previously Presented)   A non-transitory computer-readable storage medium according to Claim 52, wherein the content source broadcasts a one same at least one piece of broadcast

content when a current time of the content source matches the scheduled time for the one same at least one piece of broadcast content, and wherein the apparatus is caused to further perform:

determining to synchronize the current time of the apparatus with the current time of the content source.

54.   (Previously Presented)   A non-transitory computer-readable storage medium according to Claim 45, wherein the apparatus is caused to further perform:

determining to expire each piece of pre-broadcast content when the current time is subsequent to the scheduled time for the associated same piece of broadcast content; and

determining to maintain, in the memory of the apparatus, at least one expired piece of pre-broadcast content.

55.   (Previously Presented)   A non-transitory computer-readable storage medium according to Claim 45, wherein the apparatus is caused to further perform:

determining to expire each piece of pre-broadcast content when the current time is subsequent to the scheduled time for the associated same piece of broadcast content; and

determining to delete, from the memory of the apparatus, at least one expired piece of pre-broadcast content.

56.   (Previously Presented)   A non-transitory computer-readable storage medium according to Claim 55, wherein the apparatus is caused to further perform:

determining to maintain at least one expired piece of pre-broadcast content in the memory of the apparatus, and wherein the at least one expired piece of pre-broadcast content

maintained in the memory is deleted by overwriting it with at least one subsequent piece

of pre-broadcast content.

57.   (Previously Presented)   A non-transitory computer-readable storage medium according

to Claim 45, wherein the at least one piece of pre-broadcast content is stored with the schedule.

58.   (Previously Presented)   A non-transitory computer-readable storage medium according

to Claim 45, wherein the schedule includes at least one slot specifying broadcast of a selectable

piece of pre-broadcast content at a respective scheduled time, and wherein the apparatus is

caused to further perform:

    receiving a selection of at least one piece of pre-broadcast content stored in the memory for

        the at least one slot; and

    determining to modify the schedule to specify the selected at least one piece of pre-broadcast

        content in the at least one slot.

59.   (Previously Presented)   A non-transitory computer-readable storage medium according

to Claim 45, wherein the schedule includes at least one slot specifying a scheduled time and at

least one associated piece of pre-broadcast content stored in the memory, and wherein the

apparatus is caused to further perform:

    receiving at least one slot of the schedule at the apparatus, wherein the associated at least one

        piece of pre-broadcast content is accessed in accordance with the at least one slot received

        at the apparatus.

60.   (Previously Presented)   A system comprising:

a content source comprising a continuity server configured to maintain at least one piece of

broadcast content and a schedule, wherein the schedule specifies at least one scheduled

time for a live broadcast of the at least one piece of broadcast content by the content

source, and wherein the content source is configured to broadcast the at least one piece of

broadcast content in accordance with the schedule; and

a terminal configured to,

store, in a memory, at least one piece of pre-broadcast content associated with a same at

least one piece of broadcast content maintained by the continuity server,

store the at least one piece of pre-broadcast content before the scheduled time for the live

broadcast of the associated same at least one piece of broadcast content,

access the at least one piece of pre-broadcast content from the memory at a time

synchronized with the scheduled time for the live broadcast of the associated same at

least one piece of broadcast content,

receive the live broadcast of the associated same at least one piece of broadcast content

from the content source, and

present the accessed at least one piece of pre-broadcast content synchronized with the

scheduled time for the live broadcast of the associated same at least one piece of

broadcast content by the content source.

61.   (Canceled)

62. (Previously Presented)   A system according to Claim 60, wherein the terminal stores the at least one piece of pre-broadcast content before the content source broadcasts the associated same at least one piece of broadcast content.

63. (Previously Presented)   A system according to Claim 60, wherein the content source is further configured to send, to the terminal, the at least one piece of broadcast content maintained by the continuity server, and wherein the received at least one piece of broadcast content is stored by the terminal as the at least one piece of pre-broadcast content.

64. (Previously Presented)   A system according to Claim 63, wherein the content source is further configured to encode the at least one piece of broadcast content, by at least one of encoding or transcoding the at least one piece of broadcast content before sending to the terminal, and wherein the terminal is further configured to decode the encoded at least one piece of broadcast content.

65. (Previously Presented)   A system according to Claim 60, wherein the schedule also specifies at least one scheduled time for a live broadcast of at least one piece of live broadcast content by the content source, and wherein the terminal is further configured to,

receive the at least one piece of live broadcast content when a current time matches the scheduled time for the live broadcast of the at least one piece of live broadcast content,

wherein the terminal the at least one piece of pre-broadcast content is accessed using at least one of the at least one piece of pre-broadcast content stored by the terminal and the at least one piece of live broadcast content received by the terminal, and wherein the

accessed pre-broadcast content is presented using at least one of the accessed at least one

piece of pre-broadcast content or the accessed at least one piece of live broadcast content.

66.   (Previously Presented)   A system according to Claim 60, wherein the terminal is

further configured to release each piece of pre-broadcast content when a current time of the

terminal matches the scheduled time for the live broadcast of the associated same piece of

broadcast content by the content source, wherein at least one released piece of pre-broadcast

content is accessed.

67.   (Previously Presented)   A system according to Claim 66, wherein the content source is

further configured to broadcast the at least one piece of broadcast content when a current time of

the content source matches the scheduled time for the at least one piece of broadcast content, and

wherein the terminal is further configured to synchronize the current time of the terminal with the

current time of the content source.

68.   (Previously Presented)   A system according to Claim 60, wherein the terminal is

further configured to expire each piece of pre-broadcast content when the current time is

subsequent to the scheduled time for the associated same piece of broadcast content, and to

maintain, in the memory, at least one expired piece of pre-broadcast content.

69.   (Previously Presented)   A system according to Claim 60, wherein the terminal is

further configured to expire each piece of pre-broadcast content when the current time is

subsequent to the scheduled time for the associated same piece of broadcast content, and to

delete, from the memory, at least one expired piece of pre-broadcast content.

70.   (Previously Presented)   A system according to Claim 69, wherein the terminal is further configured to maintain at least one expired piece of pre-broadcast content in the memory, and the at least one expired piece of pre-broadcast content maintained in the memory is deleted by overwriting it with at least one subsequent piece of pre-broadcast content.

71.   (Previously Presented)   A system according to Claim 60, wherein the terminal is also configured to store a schedule comprising the same schedule maintained by the continuity server.

72. – 73.   (Canceled)

74.   (Previously Presented)   A method according to Claim 30, further comprising:

determining to combine the accessed at least one piece of pre-broadcast content with the received live broadcast of the associated same at least one piece of broadcast content; and

determining to present the combined content consistent with the scheduled time.

75.   (Previously Presented)   A method according to Claim 30, further comprising:

determining to selectively present the accessed at least one piece of pre-broadcast content, the received live broadcast of the associated same at least one piece of broadcast content, or a combination thereof consistent with the scheduled time.

76.   (Previously Presented)   A method according to Claim 75, wherein the accessed at least one piece of pre-broadcast content is presented at a beginning of a time slot in the schedule, and the received live broadcast of the associated same at least one piece of broadcast content is presented.

77.   (Previously Presented)   A method according to Claim 30, wherein the scheduled time

is outside of a prime time.